

What is it? The Science Adventure Lab is essentially a lab on wheels, created and sponsored by the Seattle Children's Hospital. Its purpose is to be used as an inquiry based, hands-on resource for schools across Washington State. There are modules offered that are designed to "promote health and expose students to the exciting world of cutting-edge science." The lessons are intended for grades 4-8, and align with Washington State science, health and fitness, and math standards. The bus itself features state-of-the-art lab facilities and has the research space and equipment for 28 students at the same time.

What kinds of things are taught? There are three components to each module. There is a pre-visit activity that the classroom teacher facilitates. The second component is the hands-on experience in Science Adventure Lab, which takes place in a 60-90 minute session. This is followed by a post-visit activity, that the classroom teacher is responsible for teaching.

One example of a module taught in the Science Adventure Lab is *Seeking the Sugar Solution: Nutrition and Chemistry Curriculum*. During this hands-on activity, students test a "mystery beverage" to determine the amount of sugar it contains. Students then review nutritional information of known beverages and make predictions while learning about amounts of sugar in common beverages. Other modules involve DNA and Respiration.

How much does it cost? It is free, but application is competitive and not all requests can be fulfilled. Science Adventure Lab prioritizes schools that have:

- ✓ 40% or more of students eligible for free and reduced lunch
- ✓ Title 1 funding
- ✓ Low percentage of students passing the MSP science test

To learn more: Request an application by email to adventurelab@seattlechildrens.org. Check out the website at <http://www.seattlechildrens.org/classes-community/community-programs/science-adventure-lab/>